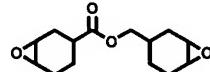




## CYRACURE UVR-6105 Cycloaliphatic Epoxide

### Description

CYRACURE™ UVR-6105 cycloaliphatic epoxide is a very low viscosity base resin:



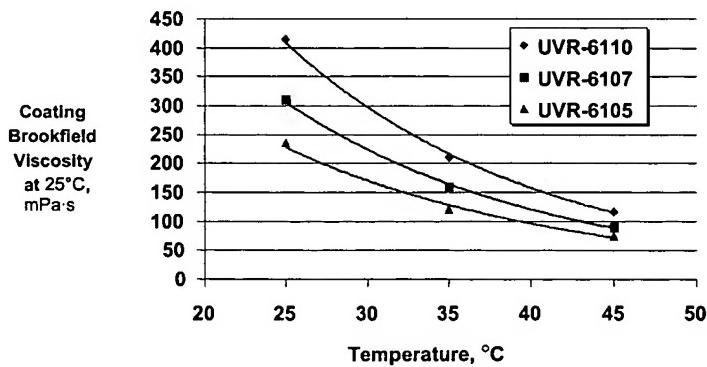
### Applications

CYRACURE UVR-6105 cycloaliphatic epoxide resin is useful in applications requiring viscosities lower than that which can be achieved using CYRACURE UVR-6110 or CYRACURE UVR-6107 cycloaliphatic epoxide resins. Typical applications include:

- Metal decoration coatings
- Overprint varnishes
- Flexographic printing inks

### Advantages

CYRACURE UVR-6105 cycloaliphatic epoxide resin offers lower viscosity and faster cationic cure than CYRACURE UVR-6110 or UVR-6107 cycloaliphatic epoxide resins. The following graph shows the viscosities of CYRACURE UVR-6110, UVR-6107, and UVR-6105 cycloaliphatic epoxide resins as a function of temperature.



### Storage and Handling

- Cycloaliphatic epoxides can be stored and handled in carbon steel, glass, and HDPE or HDPP plastic containers.
- They should be stored inside and kept dry and away from exterior elements.
- Acid and base contaminants, which will catalyze an exothermic reaction, must be avoided and excluded.
- The Dow Chemical Company strongly encourages its customers to review the current Material Safety Data Sheet (MSDS or SDS) on this product prior to its use.

## **Physical Properties <sup>(1)</sup>**

<b>Specific Gravity at 25°C</b>	1.167 to 1.182
<b>Viscosity at 25° C, mPa·s</b>	220 to 250
<b>Epoxide equivalent weight, g/equivalent</b>	126 to 135
<b>Color, PtCo</b>	0 to 30
<b>Acidity, wt%</b>	0.0 to 0.1
<b>Water, wt%</b>	0.00 to 0.05

<sup>(1)</sup> These data are typical values and cannot be construed as specifications. For product handling and safety aspects, please refer to the Material Safety Data Sheet.

### **For further information contact:**

#### **Customer Information Group**

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